

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|--------------------|---------------------|
| 8 | 169 | (348/771).CCLS. | USPAT; US-PGPUB | 2004/04/12 15:22 |
| 9 | 1 | ("6129437").PN. | USPAT; US-PGPUB | 2004/04/12 14:46 |
| 10 | 1 | ("5774664").PN. | USPAT; US-PGPUB | 2004/04/12 16:13 |
| 11 | 79 | (348/759).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:17 |
| 12 | 68 | ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:17 |
| 13 | 2 | ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM) | USPAT; US-PGPUB | 2004/04/12 16:17 |
| 14 | 84 | (348/756).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:18 |
| 15 | 80 | ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:18 |
| 16 | 4 | ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM) | USPAT; US-PGPUB | 2004/04/12 16:18 |
| 17 | 72 | (348/757).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:18 |
| 18 | 51 | ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:19 |
| 19 | 0 | ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM) | USPAT; US-PGPUB | 2004/04/12 16:18 |
| 20 | 0 | ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:19 |
| 21 | 139 | (348/742).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:25 |
| 22 | 127 | ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:25 |
| 23 | 19 | ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:25 |
| 24 | 191 | (348/743).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:34 |
| 25 | 150 | ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:35 |
| 26 | 32 | ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:35 |

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|----|-----|--|--------------------|---------------------|
| 27 | 313 | (348/744).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 28 | 258 | ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 29 | 10 | ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.)) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 30 | 245 | (348/745).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 31 | 217 | ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 32 | 4 | ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.)) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 33 | 46 | (348/780).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 34 | 35 | ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:37 |
| 35 | 0 | ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.)) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:38 |
| 36 | 105 | (348/781).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:41 |
| 37 | 86 | ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:41 |
| 38 | 2 | ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.)) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:41 |
| 39 | 53 | (348/782).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:42 |

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|----|-----|---|--------------------|---------------------|
| 40 | 41 | ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:42 |
| 41 | 0 | ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:42 |
| 42 | 303 | (353/38).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:45 |
| 44 | 295 | ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:45 |
| 45 | 5 | ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 17:00 |
| 46 | 266 | (353/84).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:48 |
| 47 | 212 | ((353/84).CCLS.) not ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:48 |
| 48 | 21 | ((353/84).CCLS.) not ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:48 |
| 49 | 402 | (353/98).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:57 |

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|----|-----|--|---|------------------------------|
| 50 | 353 | ((353/98).CCLS.) not ((353/84).CCLS.) not ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) not ((348/771).CCLS.) ((353/98).CCLS.) not ((353/84).CCLS.) | USPAT; US-PGPUB | 2004/04/12 16:57 |
| 51 | 25 | not ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 17:05 |
| 52 | 347 | (353/99).CCLS. | USPAT; US-PGPUB | 2004/04/12 16:57 |
| 53 | 274 | ((353/99).CCLS.) not ((353/98).CCLS.) not ((353/84).CCLS.) not ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) | USPAT; US-PGPUB US-PGPUB | 2004/04/12 16:57 16:57 |
| 54 | 6 | ((353/99).CCLS.) not ((353/98).CCLS.) not ((353/84).CCLS.) not ((353/38).CCLS.) not ((348/782).CCLS.) not ((348/781).CCLS.) not ((348/780).CCLS.) not ((348/745).CCLS.) not ((348/744).CCLS.) not ((348/743).CCLS.) not ((348/742).CCLS.) not ((348/757).CCLS.) not ((348/756).CCLS.) not ((348/759).CCLS.) not ((348/771).CCLS.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 16:59 |
| 55 | 0 | "high throughput" near optical | USPAT; US-PGPUB | 2004/04/12 16:59 |
| 56 | 94 | "high throughput" near optical | USPAT; US-PGPUB | 2004/04/12 17:00 |
| 57 | 0 | "high throuput" near optical | USPAT; US-PGPUB | 2004/04/12 16:59 |
| 58 | 0 | "high thruput" near optical | USPAT; US-PGPUB | 2004/04/12 16:59 |
| 59 | 3 | ("high throughput" near optical) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB | 2004/04/12 17:00 |
| 60 | 113 | "high throughput" near optical | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:00 |
| 61 | 3 | ("high throughput" near optical) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:21 |

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| 62 | 4 | compact same light same effic\$5 same projection same optic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:01 |
| 63 | 28 | focal near length near "16" near mm | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:14 |
| 64 | 0 | focal near length near "16.3" near mm | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:13 |
| 65 | 3 | "60 degrees" near "62 degrees" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:08 |
| 66 | 62 | focal near length near "30" near mm | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:16 |
| 67 | 1 | (focal near length near "16" near mm) and (focal near length near "30" near mm) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:14 |
| 68 | 7 | focal near length near "31" near mm | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:17 |
| 69 | 2826 | housing near volume | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:18 |
| 70 | 1 | housing near volume near inches | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:18 |
| 71 | 0 | housing near volume near optic\$3 near beam near path | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:18 |
| 72 | 0 | housing near volume near optic\$3 near beam | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:19 |
| 73 | 19 | ((("6705734") or ("6619804") or ("6580470") or ("6250763") or ("6219110") or ("5905545") or ("5612814") or ("6683657") or ("6575579") or ("6252636") or ("5192946") or ("6246446") or ("6556256") or ("6443576") or ("6334685") or ("20040051851") or ("20020085181") or ("6626541") or ("5510861"))).PN. | USPAT; US-PGPUB | 2004/04/12 17:20 |

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| 75 | 5 | ((("6705734") or ("6619804") or ("6580470") or ("6250763") or ("6219110") or ("5905545") or ("5612814") or ("6683657") or ("6575579") or ("6252636") or ("5192946") or ("6246446") or ("6556256") or ("6443576") or ("6334685") or ("20040051851") or ("20020085181") or ("6626541") or ("5510861")).PN.) not (((("6705734") or ("6619804") or ("6580470") or ("6250763") or ("6219110") or ("5905545") or ("5612814") or ("6683657") or ("6575579") or ("6252636") or ("5192946") or ("6246446") or ("6556256") or ("6443576") or ("6334685") or ("20040051851") or ("20020085181") or ("6626541") or ("5510861")).PN.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:21 |
| 74 | 14 | ((("6705734") or ("6619804") or ("6580470") or ("6250763") or ("6219110") or ("5905545") or ("5612814") or ("6683657") or ("6575579") or ("6252636") or ("5192946") or ("6246446") or ("6556256") or ("6443576") or ("6334685") or ("20040051851") or ("20020085181") or ("6626541") or ("5510861")).PN.) and ("color wheel" or "color-wheel" or "color filter" or "color-filter") and (Dmd or micromirror or DMM or micro-mirror) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/12 17:22 |
| - | 1 | ("5434902").PN. | USPAT | 2004/04/12 14:12 |